

D & D SUBGROUP HIGHLIGHTS

August 10, 1999

This meeting was held in the ETB, Spokane River Room. The meeting began at 9:00 a.m. Mark Gibson was introduced as a new subgroup representative from BWHC.

Subgroup Scope Change

Dave Langstaff led a discussion on changes to the D&D subgroup scope. He started by reminding the subgroup members that D&D stands for Deactivation and Decommissioning. The title should be spelled out more often to clear up any confusion. The title is in line with the DDFA. We have a request from the STCG Management Council (MC) to write out the rationale for including nuclear materials needs and activities at Hanford in our subgroup and spent nuclear fuel needs and activities in the MW subgroup. The national Nuclear Materials Focus Area (NMFA) is just getting started and is in part based on the old Pu Focus Area. In addition to Pu other nuclear materials were added to the new NMFA. In the past the D&D subgroup has reviewed and endorsed the needs in this area. At Hanford most work that the NMFA would assist in is EM-60 related including PFP cleanout and storage of the WESF Cs/Sr capsules. The subgroup decided that a representative from Hanford should be appointed to the NMFA.

Greg Berlin discussed a memo that Dave Langstaff wrote about this issue and the memo was distributed to all subgroup members. In part of this memo the issue of how to deal with classified information in the subgroup was discussed. Greg said that only a small set of issues or needs are classified in nature. Having a PFP representative on the subgroup would help make sure any technical needs would be examined and sent to the NMFA. Bob Julian asked the question: If not us then who? Dave said there is no one else to deal with the needs in this area and get funding to deal with them. Greg Berlin stated that we need to start a dialog or have a meeting with representatives of the new NMFA. We will need a liaison contact with the NMFA eventually. The subgroup agreed that the nuclear material needs from Hanford should go through the D&D subgroup to the NMFA. Dave will write up the decision summary that will be sent to the MC. The summary will be sent to all subgroup members first for their review.

Technology Insertion Points (TIPs) Update

Greg distributed a memo to subgroup members that discussed the eleven TIPs that the facility stabilization project has developed for the FY2000 MYWP. Each of these TIPs has contractor interim milestones associated with them prior to the TIP. The TIPs are the decision point for technology deployment. The TIPs are typically three to four years before the actual deployment of the technology. The eleven TIPs are associated with the major facility groups including PFP and the 324/327 Buildings.

Kim Koegler distributed copies of a TIP form with information on each of the four TIPs that BHI has identified. There is one TIP for CDI and three in the reactor interim safe storage area. Each form has information on drivers behind the TIP, contact information, an action

plan and a description of the TIP. Kim stated that there will be S&T needs statements for all the TIPs identified.

CDI Update

Kim Koegler reported that a number of tasks were underway in August including: the Andros robot being deployed in the ventilation tunnel, use of an ultrasonic detection system for liquids in pipes/tanks and 3-D imaging work using AIL equipment under a FETC PON. Thermography work by Infrared, Inc. out of Reno, NV has been completed. This was done to identify liquids in pipes on the gallery and deck. The results are being compiled now and an ITSR document will be written describing the results. Detailed planning of the structural testing that will take place next FY has also begun.

ASTD Updates

Dave Langstaff gave an update on the Robot Work Platform ASTD. The procurement strategy for this project has been revised. A second, more detailed, request for information (RFI) was sent out to twelve vendors. Ten vendors responded to this second RFI and each will be invited to Hanford over the next few weeks for an interview. All interviews will be completed by September 2 after which an RFP will be issued for the vendors to bid on. The RFP will go out on September 7 with responses due on September 30 and selection to take place by October 15.

Ron Borisch updated the subgroup on the Laser Cutting ASTD project that is a joint effort with NTS, LANL and others. A program review will be held on August 23-24 to determine how to proceed. A laser vendor, GSI Lumonics, Inc. was determined to have the best equipment for the ASTD project. A sole source justification is being written to purchase their system. It may be necessary to use the laser system at another site first, such as LANL, rather than at NTS. The hope is to purchase the equipment this year and assemble the system next FY. Our old laser is now being used at NTS to cut up munitions. Non-radioactive gloveboxes have been sent to Lumonics in Livonia, MI to be cut up in September as a demonstration of their laser system. The subgroup suggested we submit a proposal at the program review meeting for demonstrating the laser system at Hanford. Potential sites at Hanford may include the 308 or 231-Z Buildings.

PICS Update

Greg Berlin reported that the PICS are being demonstrated on site now. One item of feedback was that the ice pack was too heavy. All feedback on PICS from Hanford will be sent to Fernald.

There will be no formal subgroup meeting next month but Larry Waggoner, FDH, has invited the subgroup to tour the ALARA Technology Center. The center is in Room 226-A of the 2101-M Building in the 200 East Area. Details about this visit will be sent to all subgroup members.

D&D Subgroup Meeting Attendees 08/10/99

Greg Berlin	FDH - TM	372-4352
William Bonner	PNNL	372-6263
Ron Borisch	BWHC	372-3382
Mark Gibson	BWHC	373-4869
Bob Julian	Ecology	736-5702
Kim Koegler	BHI	372-9294
David Langstaff	DOE-RL/AMF	376-5580
Roger Pressentin	DOE	376-1291
Steve Weakley	PNNL	372-4275